

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(7FB0C0)	Hex(6594A5)	Hex(4B7D8B)	Hex(316371)	Hex(144C59)	Hex(003441)	Hex(001F2B)	Hex(000117)	Hex(000000)
Hex(7FB0C0)		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.21 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 8.87 Passed ⁶
Hex(6594A5)	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴
Hex(4B7D8B)	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(316371)	Ratio: 2.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.15 AA 18pt ²
Hex(144C59)	Ratio: 4.02 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(003441)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(001F2B)	Ratio: 7.21 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(000117)	Ratio: 8.73 Passed ⁶	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.10 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 8.87 Passed ⁶	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

This PDF was generated on convertingcolors.com.